

CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET

NOTE: recorded in Microsoft word 6.0 - use tabs to change cells/fields

STATE	RI	FIELD OFFICE	DATE	5/1/02
PRACTICE: 314 Brush Management			NOTES: These effects are based primarily on improving vegetative cover and using the appropriate methodology.	
RESOURCE: SOIL			Help Message:	
RESOURCE CONCERN: EROSION				
RESOURCE INDICATORS			PHYSICAL EFFECTS	
SHEET AND RILL			significant reduction in sheet and rill erosion	
WIND			slight reduction in wind erosion	
EPHEMERAL GULLY			slight reduction in ephemeral gully erosion	
CLASSIC GULLY			slight reduction in classic gully erosion	
STREAMBANK			moderate reduction in streambank erosion	
IRRIGATION INDUCED			N/A	
SOIL MASS MOVEMENT			insignificant	
ROADBANK/CONSTRUCTION			N/A	
OTHER				
RESOURCE CONCERN: SOIL CONDITION				
SOIL TILTH			moderate improvement in tilth	
SOIL COMPACTION			moderate reduction in soil compaction	
SOIL CONTAMINATION				
• SALTS			N/A	
• ORGANICS			insignificant	
• FERTILIZERS			insignificant	
• PESTICIDES			insignificant	
• OTHER				
DEPOSITION/DAMAGE				
• ONSITE			significant reduction/onsite deposition damage	
• OFFSITE			significant decrease/offsite deposition damage	
DEPOSITION/SAFETY				
• ONSITE			significantly improve onsite safety/deposition	
• OFFSITE			sign. improve offsite safety hazard/deposition	
OTHER				
RESOURCE: WATER				
RESOURCE CONCERN: WATER QUANTITY				
SEEPS			insignificant	
RUNOFF/FLOODING			moder. decrease in runoff/flooding	
EXCESS SUBSURFACE WATER			slight reduction in excess subsurface water	
INADEQUATE OUTLETS			moderate improvement in H2O outlet concern	
WATER MGT. IRRIGATION				
• SURFACE			N/A	
• SPRINKLER			N/A	
WATER MGT. NON-IRRIGATED			moderate improvement in moisture use	
RESTRICTED FLOW CAPACITY (H2O convey.)				
• ONSITE			moderate improvement in onsite drainage	
• OFFSITE			moderate improvement in offsite drainage	
RESTRICTED STORAGE			moderate reduction in sedimentation of H2O storage	
OTHER				

RESOURCE: WATER	
RESOURCE CONCERN: WATER QUALITY	
RESOURCE INDICATORS	PHYSICAL EFFECTS
GROUNDWATER CONTAMINANTS	
• PESTICIDES	insignificant
• NUTRIENTS AND ORGANICS	insignificant
• SALINITY	N/A
• HEAVY METALS	insignificant
• PATHOGENS	insignificant
• OTHER	
SURFACE WATER CONTAMINANTS	
• PESTICIDES	moderate reduction in SWater contam./pesticides
• NUTRIENTS AND ORGANICS	moderate reduction in SWater contam./nutri.,organ.
• SUSPENDED SEDIMENTS	sign. reduction in SWater contam./susp. sedi.
• LOW DESOLVED OXYGEN	sign. reduction in SWater contam./low oxygen
• SALINITY	N/A
• HEAVY METALS	insignificant
• WATER TEMPERATURE	insignificant
• PATHOGENS	insignificant
AQUATIC HABITAT SUITABILITY	N/A
OTHER	
RESOURCE: AIR	
RESOURCE CONCERN: AIR QUALITY	
AIRBORNE SEDIMENT AND SMOKE PARTICLES	
• ONSITE SAFETY	moder. decrease in airborn sed.smoke part./safety
• OFFSITE SAFETY	moder. decrease in airborn sed.smoke part./safe
• ONSITE STRUCT. PROBLEMS	moder. decrease in struct.problems/dust and smoke
• OFFSITE STRUCT. PROBLEMS	moder. decrease in structural problems/dustsmoke
• ONSITE HEALTH	moder. decrease in onsite health prob./dustsmoke
• OFFSITE HEALTH	mod. improvement in offsite health
AIRBORNE SEDIMENT CAUSING CONVEYANCE PROBLEMS	moder. decrease in airborn sediment/convey. prob.
AIRBORNE CHEMICAL DRIFT	insignificant
AIRBORNE ODORS	insignificant
FUNGI, MOLDS, AND POLLEN	insignificant
OTHER	
RESOURCE CONCERN: AIR CONDITION	
AIR TEMPERATURE	insignificant
AIR MOVEMENT (windbreak effect)	insignificant
HUMIDITY	insignificant
OTHER	

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RESOURCE: HUMAN	
RESOURCE CONCERN: SOCIAL CONSIDERATIONS	
RESOURCE INDICATORS	PHYSICAL EFFECTS
PUBLIC HEALTH AND SAFETY	situational concerning public health and safety
PRIVATE/PUBLIC VALUES	situational regarding private/public values
CLIENT CHARACTERISTICS	situational regarding client characteristics
RISK TOLERANCE	situational regarding risk
TENURE	situational regarding tenure
OTHER	
RESOURCE CONCERN: CULTURAL CONSIDERATIONS	
ABSENCE/PRESENCE OF CULTURAL RESOURCES	situational regarding cultural resources
SIGNIFICANCE OF CULTURAL RESOURCES	situational regarding cultural resources
MITIGATION OF NEGATIVE CULTURAL RES. IMPACTS	situational regarding cultural resources
OTHER	